



1999 Toxics Release Inventory

MISSISSIPPI

Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	61,005,515	13,343,566	74,349,081
Air Emissions	32,773,174	11,967,433	44,740,607
Surface Water Discharges	14,627,488	3,375	14,630,863
Underground Injection Class I Wells	8,326,762	0	8,326,762
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	4,079	0	4,079
Other On-site Land Releases	5,274,012	1,372,758	6,646,770
Off-site Releases (Transfers Off-site to Disposal)*	1,446,761	16	1,446,777
Total On- and Off-site Releases	62,452,276	13,343,582	75,795,858
Recycled On-site	130,199,405	0	130,199,405
Recycled Off-site	19,903,207	429,524	20,332,731
Energy Recovery On-site	35,410,943	0	35,410,943
Energy Recovery Off-site	7,492,881	22,500	7,515,381
Treated On-site	84,770,737	0	84,770,737
Treated Off-site**	5,817,860	68,692	5,886,552
Quantity Released On- and Off-site***	62,205,644	13,343,365	75,549,009
Total Production-related Waste Managed	345,800,677	13,864,081	359,664,758
Total Non-production-related Waste Managed	154,002	4	154,006

Transfers Off-site for Further Waste Management/Disposal

Recycling	19,487,799	95,538	19,583,337
Energy Recovery	6,718,374	22,297	6,740,671
Treatment	2,020,792	68,696	2,089,488
Publicly Owned Treatment Works (POTWs)	3,797,770	8	3,797,778
Metals and Metal Compounds*	8,910	0	8,910
Non-metal TRI Chemicals**	3,788,860	8	3,788,868
Other Off-site Transfers****	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	1,465,839	16	1,465,855
Total Transfers Off-site for Further Waste Management/Disposal	33,490,574	186,555	33,677,129

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact:

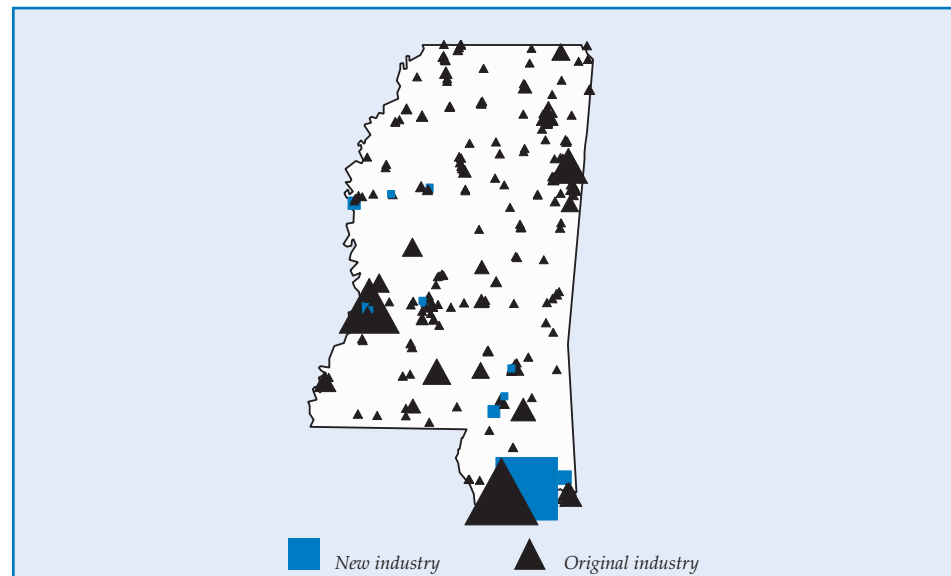
John David Burns
(601) 961-5005
Fax: (601) 961-5660
E-mail: john_burns@deq.state.ms.us

EPA Regional Contact:

Ezequiel Velez
(404) 562-9191
Fax: (404) 562-9163
E-mail: velez.ezequiel@epa.gov

To obtain TRI data use

assistance, call TRI User
Support Service (TRI-US):
(202) 260-1531
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Mississippi. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	2,768,619
Square Miles	46,914
Total Facilities	325
Total Forms	1,176
Form As	197

	Original Industries	New Industries	Total
National Rank for Total On- and Off-site Releases*			
Rank	13	34	25
Pounds	62,452,276	13,343,582	75,795,858
National Rank for Total On-site Releases**			
Rank	11	31	23
Pounds	61,005,515	13,343,566	74,349,081
National Rank for Total Releases within State***			
Rank	13	34	25
Pounds	62,431,118	13,381,802	75,812,920
National Rank for Production-related Waste Managed			
Rank	20	39	25
Pounds	345,800,677	13,864,081	359,664,758

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



1999 Toxics Release Inventory

MISSISSIPPI

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-Site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
--	Nitrate compounds	14,193	13,902,171	0	250	49,890	13,966,504	0	48,890	1,000
--	Manganese compounds	27,639	169,966	7,000,000	4,612,132	67,925	11,877,662	1,198	55,021	12,904
67-56-1	Methanol	8,408,596	58,852	8,259	3,236	10,783	8,489,726	0	6,583	4,200
7664-41-7	Ammonia	4,235,429	286,738	0	110,448	22,060	4,654,675	0	0	22,060
75-09-2	Dichloromethane	3,656,092	0	0	0	0	3,656,092	0	0	0
108-88-3	Toluene	2,692,990	2,818	640	2,704	10,275	2,709,427	147	8,775	1,500
110-54-3	n-Hexane	1,886,883	23	0	0	327	1,887,233	0	0	327
1330-20-7	Xylene (mixed isomers)	1,777,275	4,900	0	1,650	0	1,783,825	403	0	0
463-58-1	Carbonyl sulfide	1,718,170	0	0	0	0	1,718,170	0	0	0
--	Chromium compounds	2,215	2,680	790,000	50,151	94,165	939,211	8,818	63,320	30,845

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-Site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	9,259,084	0	0	0	0	9,259,084	0	0	0
7664-93-9	Sulfuric acid	2,140,915	0	0	0	0	2,140,915	0	0	0
--	Barium compounds	2,451	1,499	0	694,776	0	698,726	250	0	0
7664-39-3	Hydrogen fluoride	549,580	0	0	0	0	549,580	0	0	0
--	Manganese compounds	1,373	259	0	309,347	0	310,979	250	0	0
--	Zinc compounds	2,104	166	0	95,838	0	98,108	250	0	0
--	Nickel compounds	637	272	0	62,055	0	62,964	5	0	0
--	Copper compounds	423	200	0	57,502	0	58,125	5	0	0
--	Chromium compounds	555	155	0	55,958	0	56,668	3,235	0	0
--	Lead compounds	411	35	0	39,450	16	39,912	27,635	0	16

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



1999 Toxics Release Inventory

MISSISSIPPI

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Du Pont Delisle Plant, Pass Christian, Harrison	1,777,936	827	8,235,100	0	0	31,989	10,045,852	97	0
Vicksburg Chemical Co., Vicksburg, Warren	98,278	7,221,808	0	0	0	0	7,320,086	0	0
Kerr-Mcgee Chemical L.L.C. Electrolytic Plant, Hamilton, Monroe	172,048	17,605	0	0	0	4,045,000	4,234,653	0	38,000
Georgia-Pacific Corp., Monticello, Lawrence	2,401,085	119,993	0	0	0	216,308	2,737,386	0	0
Leaf River Forest Prods., New Augusta, Perry	1,585,622	719,090	0	0	0	0	2,304,712	20,206	0
Chevron Prods. Co., Pascagoula Refy., Pascagoula, Jackson	1,737,521	138,369	0	0	0	0	1,875,890	48,178	1,425
Carpenter Co. Tupelo Div., Verona, Lee	1,857,758	0	0	0	0	0	1,857,758	0	0
International Paper - Natchez Mill, Natchez, Adams	1,144,648	63,425	0	0	0	638,125	1,846,198	8,535	21,388
International Paper - Vicksburg Mill, Redwood, Warren	1,517,032	1,020	0	0	0	115,559	1,633,611	0	0
Misschem Nitrogen L.L.C., Yazoo City, Yazoo	770,281	819,805	0	0	0	0	1,590,086	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Mississippi Power Co. - Plant Watson, Gulfport, Harrison	9,054,431	3,233	0	0	0	738,373	9,796,037	0	16
Mississippi Power Co. - Plant Daniel, Escatawpa, Jackson	710,406	0	0	0	0	401,872	1,112,278	0	0
Entergy Gerald Andrus Plant, Greenville, Washington	926,708	0	0	0	0	0	926,708	0	0
R. D. Morrow Sr. Generating Plant, Purvis, Lamar	636,538	137	0	0	0	232,513	869,188	0	0
Entergy Baxter Wilson Generating Plant, Vicksburg, Warren	629,857	0	0	0	0	0	629,857	0	0
Scott Petroleum Corp., Greenwood, Leflore	5,570	0	0	0	0	0	5,570	0	0
Baker Petrolite Corp., Laurel, Jones	2,020	5	0	0	0	0	2,025	0	0
Mobil Oil Hattisburg Terminal, Petal, Forrest	960	0	0	0	0	0	960	0	0
Gresham Petroleum Co., Indianola, Sunflower	560	0	0	0	0	0	560	0	0
Ashland Distribution Co., Jackson, Hinds	380	0	0	0	0	0	380	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



1999 Toxics Release Inventory

MISSISSIPPI

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Du Pont Delisle Plant, Pass Christian, Harrison	0	0	0	0	7,700,000	21,000	10,045,949	17,766,949	0
Vicksburg Chemical Co., Vicksburg, Warren	513,862	0	0	0	6,683,422	0	7,319,027	14,516,311	0
Kerr-Mcgee Chemical L.L.C. Electrolytic Plant, Hamilton, Monroe	276,000	38,000	0	0	220,000	0	4,597,300	5,131,300	0
Georgia-Pacific Corp., Monticello, Lawrence	0	0	0	0	6,781,635	0	2,737,342	9,518,977	0
Leaf River Forest Prods., New Augusta, Perry	0	0	0	0	15,868,739	0	2,325,676	18,194,415	0
Chevron Prods. Co., Pascagoula Refy., Pascagoula, Jackson	12,000	756,400	0	1,870	6,574,050	13,058	1,896,335	9,253,713	36,920
International Paper - Natchez Mill, Natchez, Adams	0	0	34,034	0	7,804,204	0	1,876,754	9,714,992	0
Carpenter Co. Tupelo Div., Verona, Lee	0	0	0	0	0	0	1,857,758	1,857,758	0
International Paper - Vicksburg Mill, Redwood, Warren	0	0	26,500	0	2,792,332	0	1,636,496	4,455,328	0
Misschem Nitrogen L.L.C., Yazoo City, Yazoo	10,844,997	0	0	0	0	0	1,608,539	12,453,536	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Mississippi Power Co. - Plant Watson, Gulfport, Harrison	0	0	0	0	0	0	9,796,050	9,796,050	0
Mississippi Power Co. - Plant Daniel, Escatawpa, Jackson	0	0	0	0	0	0	1,112,278	1,112,278	0
Entergy Gerald Andrus Plant, Greenville, Washington	0	0	0	0	0	0	926,708	926,708	2
R. D. Morrow Sr. Generating Plant, Purvis, Lamar	0	333,986	0	0	0	0	869,051	1,203,037	0
Entergy Baxter Wilson Generating Plant, Vicksburg, Warren	0	0	0	0	0	0	629,857	629,857	2
Scott Petroleum Corp., Greenwood, Leflore	0	0	0	0	0	0	5,600	5,600	0
Baker Petrolite Corp., Laurel, Jones	0	0	0	1,530	0	0	1,925	3,455	0
Mobil Oil Hattisburg Terminal, Petal, Forrest	0	0	0	0	0	0	960	960	0
Gresham Petroleum Co., Indianola, Sunflower	0	0	0	0	0	0	560	560	0
Ashland Distribution Co., Jackson, Hinds	0	0	0	20,970	0	68,691	373	90,034	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.